



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 06/19/2019	EPA Reg No./File Symbol 42750-322	Page 1 of 5			
Applicant's/Registrant's Name & Address Albaugh, LLC 1525 NE 36 th Street Ankeny, IA 50021	Product Bifenazate 50DF				
Ingredient Bifenazate CAS # 149877-41-8					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

830.1550	Product Identity and Composition	49970901	Atticus	PAY	
830.1600	Description of Materials Used to Produce the Product	49970901	Atticus	PAY	
830.1620	Description of Production Process				Waiver ²
830.1650	Description of Formulation Process	49970901	Atticus	PAY	
830.1670	Description of Formation of Impurities	49970901	Atticus	PAY	
830.1700	Preliminary Analysis				Not req'd ¹
830.1750	Certified Limits	49970901	Atticus	PAY	
830.1800	Enforcement Analytical Method	49970901	Atticus	PAY	
830.6302	Color	49970902	Atticus	PAY	
830.6303	Physical State	49970902	Atticus	PAY	
830.6304	Odor	49970902	Atticus	PAY	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions				Not req'd ¹
830.6314	Oxidation/Reduction: Chemical Incompatibility	49970902	Atticus	PAY	
830.6315	Flammability				Waiver ³
830.6316	Explosibility				Waiver ⁴
830.6317	Storage Stability	50131601	Atticus	PAY	
830.6319	Miscibility				Waiver ⁵

Signature	Name and Title Ailis Gregory Manager, Registration Technical Services	Date 06/19/2019
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Applicant's/Registrant's Name & Address Albaugh, LLC 1525 NE 36 th Street Ankeny, IA 50021	Product Bifenazate 50DF				
Ingredient Bifenazate CAS # 149877-41-8					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

830.6320	Corrosion Characteristics	50131601	Atticus	PAY	
830.6321	Dielectric Breakdown Voltage				Waiver ⁶
830.7000	pH	49970901	Atticus	PAY	
830.7050	UV/Visible Absorption				Not req'd ¹
830.7100	Viscosity				Waiver ⁷
830.7200	Melting Point/Melting Range				Not req'd ¹
830.7220	Boiling Point/Boiling Range				Not req'd ¹
830.7300	Density/Relative Density/Bulk Density	49970901	Atticus	PAY	
830.7370	Dissociation Constants in Water				Not req'd ¹
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Not req'd ¹
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				Not req'd ¹
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				Not req'd ¹
830.7840	Water Solubility: Column Elution Method; Shake Flask Method				Not req'd ¹
830.7860	Water Solubility, Generator Column Method				Not req'd ¹

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Applicant's/Registrant's Name & Address Albaugh, LLC 1525 NE 36 th Street Ankeny, IA 50021	Product Bifenazate 50DF				
Ingredient Bifenazate CAS # 149877-41-8					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

830.7950	Vapor Pressure				Not req'd ¹
870.1100	Acute Oral Toxicity – Rat	CITE-ALL		PAY	
870.1200	Acute Dermal Toxicity - Rat	CITE-ALL		PAY	
870.1300	Acute Inhalation Toxicity - Rat	CITE-ALL		PAY	
870.2400	Primary Eye Irritation - Rabbit	CITE-ALL		PAY	
870.2500	Primary Dermal Irritation	CITE-ALL		PAY	
870.2600	Dermal Sensitization	CITE-ALL		PAY	

Albaugh will make offers-to-pay to the following companies that appear on the current data submitters list for Bifenazate:

Bifenazate Data	Cite-All		Macdermid (400)	PAY	
Bifenazate Data	Cite-All		Adama Makhteshim (11678)	PAY	
Bifenazate Data	Cite-All		SDTF (66607)	PAY	
Bifenazate Data	Cite-All		UPL NA (70506)	PAY	
Bifenazate Data	Cite-All		ISK (71512)	PAY	
Bifenazate Data	Cite-All		ARETF (71755)	PAY	
Bifenazate Data	Cite-All		FIFRA ESTF (73989)	PAY	

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Footnote 1

- 830.1700 Preliminary Analysis
- 830.6313 Stability to Normal and Elevated Temperatures, Metals, and Metal Ions
- 830.7050 UV/Visible Absorption
- 830.7200 Melting Point/Melting Range
- 830.7220 Boiling Point/Boiling Range
- 830.7370 Dissociations Constant
- 830.7550 Partition Coefficient, Shake Flask Method
- 830.7560 Partition Coefficient, Generator Column Method
- 830.7570 Partition Coefficient, Liquid Chromatography Method
- 830.7840 Water Solubility, Column Elution Method/Shake Flask Method
- 830.7860 Water Solubility, Generator Column Method
- 830.7950 Vapor Pressure

This data is not required for End Use products per Product Properties Test Guidelines OCSPP 830.1000 (e)(2)(xi)(B) Table 2.

Footnote 2

- 830.1620 Production Process. Albaugh requests a waiver for this data requirement. Bifenazate 50DF is formulated, and not produced by an integrated system. Refer to 830.1650 Formulation Process.

Footnote 3

- 830.6315 Flammability. Albaugh requests a waiver for these data requirements. Bifenazate 50DF is water-based and contains no components that are known to be flammable.

Footnote 4

- 830.6316 Explodability. Albaugh requests a waiver for these data requirements. Bifenazate 50DF contains no components that are known to be explosive.

Footnote 5

- 830.6319 Miscibility. Albaugh requests a waiver for this data requirement. Bifenazate 50DF is not intended to be mixed with oil or solvents and is not an emulsifiable product.

Footnote 6

- 830.6321 Dielectric Breakdown. Albaugh requests a waiver for this data requirement. Bifenazate 50DF is not intended for use around electrical equipment.

Footnote 7

- 830.7100 Viscosity. Albaugh requests a waiver for this data requirement. Bifenazate 50DF is not a liquid.